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| TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR § 1.97(b), 1.97(c), or 1.97(d) | | | Attny. Docket No. 2002U014.US |
| In Re Application of: Laughlin G. McCullough et al. | | | |
| U.S. Serial No. Unassigned | Filing Date August 25, 2003 | Examiner Unassigned | Group Art Unit Unassigned |

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37 CFR § 1.97(b)

- ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d); within three months of the date of entry of the national stage as set forth in § 1.491 in an international application; before the mailing of a first Office Action on the merits; or before the mailing of a first Office Action after the filing of a request for continued examination under § 1.114.

37 CFR § 1.97(c)

- ☐ The Information Disclosure Statement submitted herewith is being filed after three months of the filing date of a national application other than a continued prosecution application under § 1.53(d); after three months of the date of entry of the national stage as set forth in § 1.491 in an international application; after the mailing of a first Office Action on the merits; or after the mailing of a first Office Action after the filing of a request for continued examination under § 1.114, but before the mailing date of:

1. a Final Action under § 1.113,
2. a Notice of Allowance under § 1.311, or
3. an action that otherwise closes prosecution in the application,

and is accompanied by either:

- ☐ the fee as set forth in § 1.17(p), or
- ☐ the following statement under § 1.97(e)(1): each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

37 CFR § 1.97(d)

- ☐ The Information Disclosure Statement submitted herewith is being filed after a Final Action under § 1.113, a Notice of Allowance under § 1.311, or an action that otherwise closes prosecution in the application, but before, or simultaneously with, the payment of the issue fee. Submitted herewith is the fee as set forth in § 1.17(p) and the following statement under 37 CFR § 1.97(e)(1): each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

Applicant hereby request consideration of the Information Disclosure Statement, USPTO form 1449, submitted herewith.

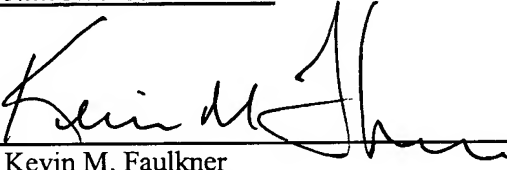
☐ Legible copies of the references are enclosed.

☐ This application is a:
☐ Continuation / Divisional,
☐ Continuation-in-Part,

of U.S.S.N. _____. Copies of the cited references are
☐ enclosed; ☐ not enclosed. References are available in the parent application(s) if not enclosed.

The Commissioner is hereby authorized to charge any additional fees which may be required by this paper, or credit any overpayment, to **Deposit Account Number 50-0589.**

8.25.03
Date


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| 08/25/2003 | | Unassigned | | | | | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| | AA | 3,896,179 | 07/11/1975 | Resnick | 260 | 616 | |
| | AB | 4,874,880 | 10/17/1989 | Miya et al. | 556 | 53 | |
| | AC | 20020032287 | 03/14/2002 | McCullough | 526 | 68 | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | PUBL DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO |
| | AD | WO 97/07141 | 02/27/1997 | PCT | | | |
| | AE | DE 4332009 A1 | 03/30/1995 | Germany | | | X |
| | AF | EP 0200351 A2 | 11/05/1986 | Europe | | | |
| | AG | EP 0705849 A1 | 04/10/1996 | Europe | | | |
| OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.) | | | | | | | |
| | AH | W. Kaminsky, et al., <i>Fluorinated Half-Sandwich Complexes as Catalysts in Syndiospecific Styrene Polymerization</i> , 30(25) MACROMOLECULES 7647-7650 (1997) | | | | | |
| | AI | E.F. Murphy, et al., <i>Synthesis and spectroscopic characterization of a series of substituted cyclopentadienyl Group 4 fluorides; crystal structure of the acetylacetonato complex [(acac)₂(η⁵-C₅Me₅)Zr(μ-F)SnMe₃Cl]</i> , DALTON, 1983 (1996) | | | | | |
| | AJ | Ashby, et al., <i>The Preparation of Organomagnesium Fluorides by Organometallic Exchange Reactions</i> , Journal of Organometallic Chemistry, 72 (1974) 11-20 | | | | | |
| | AK | E.F. Murphy et al. in <i>Organometallic Fluorides: Compounds Containing Carbon—Metal—Fluorine Fragments of d-Block Metals</i> , 97 CHEM. REV. 3425-3468 (1997) | | | | | |
| | AL | Antinolo, et al., <i>Metallocene Derivatives of Early Transition Elements, Part 4, Sunthesis and Crystal Structures of a Series of Zirconocene(iv) Halides [Zr(η-C₅H₄SiMe₃)₂X₂] (X=Cl or Br) and [Zr(η-C₅H₃(SiMe₃)₂-1,3}X₂]X₂] (X=F, Br, or I)</i> , J. Chem. Soc. Dalton Trans. (1987) 1463-1472 | | | | | |
| | AM | F. Garbassi, et al., <i>XPS study of metallocene based catalysts for the polymerization of ethylene</i> , JOURNAL OF MOLECULAR CATALYSIS A: CHEMICAL 101 199-209 (1995) | | | | | |
| EXAMINER | | | | DATE CONSIDERED | | | |
| *EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line though citation if not in conformance and not considered. Include copy of this form with next comment to applicant | | | | | | | |

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| U.S. PATENT DOCUMENTS | | | | | | | |
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| | BA | | | | | | |
| | BB | | | | | | |
| | BC | | | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | PUBL. DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
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| | BD | | | | | | |
| | BE | | | | | | |
| | BF | | | | | | |
| | BG | | | | | | |
| OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.) | | | | | | | |
| | BH | A. Herzog, et al., <i>Reactions of $(\eta^5-C_5Me_5)ZrF_3$, $(\eta^5-C_5Me_4Et)ZrF_3$, $(\eta^5-C_5Me_4s)_2ZrF_2$, $(\eta^5-C_5Me_5)HfF_3$, and $(\eta^5-C_5Me_5)TaF_4$ with $AlMe_3$, Structure of the First Hafnium-Aluminum-Carbon Cluster</i> , 15 ORGANOMETALLICS 909-917 (1996) | | | | | |
| | BI | P.M. Druce et al. in <i>Metallocene Halides: Part I. Synthesis, Spectra, and Redistribution Equilibria of Di-π-cyclopentadienyl-Ti(IV), -Zr(IV), and -Hf(IV)</i> , 14 J. CHEM. SOC. 2106-2110 (1969) | | | | | |
| | BJ | W.W. Lukens, Jr. et al. in <i>A π-Donor Spectrochemical Series for X in $(Me_5C_5)_2TiX$, and β-Agostic Interactions in $X = Et$ and $N(Me)Ph$</i> , 118 J. AM. CHEM. SOC. 1729-1728 (1996) | | | | | |
| | BK | Z. Xie et al., <i>Synthesis, Molecular Structure, and Reactivity of Organolanthanide Fluoride Complexes, $[(Me_3Si)_2C_5H_3]_2Ln(\mu-F)]_2$ ($Ln = La, Nd, Sm, Gd$) and $[(C_5H_5)_2Ln(\mu-F)(THF)]_2$ ($Ln = Y, Yb$)</i> , 17 ORGANOMETALLICS 3937-3944 (1998) | | | | | |
| | BL | | | | | | |
| | BM | | | | | | |
| EXAMINER | | | | DATE CONSIDERED | | | |
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